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# Datasheet for ABIN7142222 anti-PSMD9 antibody (Regulatory Subunit 9)





## Overview

Quantity:	100 µg
Target:	PSMD9
Binding Specificity:	AA 103-150, Regulatory Subunit 9
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD9 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human 26S proteasome non-ATPase regulatory subunit 9 protein (103-150AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

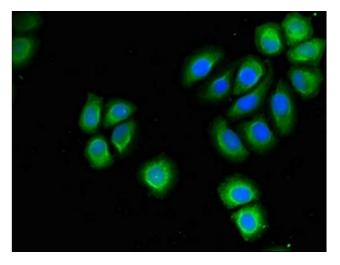
Target:	PSMD9
Alternative Name:	PSMD9 (PSMD9 Products)
Background:	Background: Acts as a chaperone during the assembly of the 26S proteasome, specifically of
	the base subcomplex of the PA700/19S regulatory complex (RC). During the base subcomplex

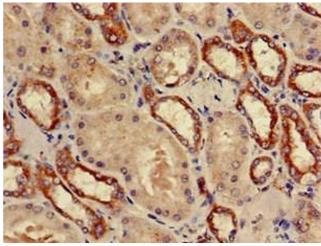
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	assembly is part of an intermediate PSMD9:PSMC6:PSMC3 module, also known as modulator
	trimer complex, PSMD9 is released during the further base assembly process.
	Aliases: 26S proteasome non ATPase regulatory subunit 9 antibody, 26S proteasome non-
	ATPase regulatory subunit 9 antibody, 26S proteasome regulatory subunit p27 antibody,
	Homolog of rat Bridge 1 antibody, MGC8644 antibody, p27 antibody, Proteasome (prosome
	macropain) 26S subunit non ATPase 9 antibody, Proteasome 26S non ATPase regulatory
	subunit 9 antibody, Proteasome 26S subunit non ATPase 9 antibody, PSMD 9 antibody, Psmd9
	antibody, PSMD9_HUMAN antibody, Rpn4 antibody
UniProt:	000233
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion,
	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of A549 cells using ABIN7142222 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

## Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7142222 at dilution of 1:100

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